

Data File : VW011911.D
Acq On : 14 Aug 2019 11:10
Operator : SY/VA
Sample : K4215-21RE
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC5RE

Quant Time: Aug 16 05:38:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 05:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	302663	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	219183	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	60622	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75966	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
7) Chloroethane-d5	2.89	69	62702	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.72%
10) 1,1-Dichloroethene-d2	4.02	63	136315	13.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.80%
20) 2-Butanone-d5	7.08	46	61307	31.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.90%
24) Chloroform-d	7.65	84	166904	20.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.32%
26) 1,2-Dichloroethane-d4	8.31	65	95884	19.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.96%
29) Benzene-d6	8.27	84	326425	23.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.72%
33) 1,2-Dichloropropane-d6	9.27	67	106441	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.68%
37) Toluene-d8	10.32	98	256716	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	10.58	79	36219	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.28%
39) 2-Hexanone-d5	10.93	63	36924	35.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	65624	17.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	46866	20.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.24%

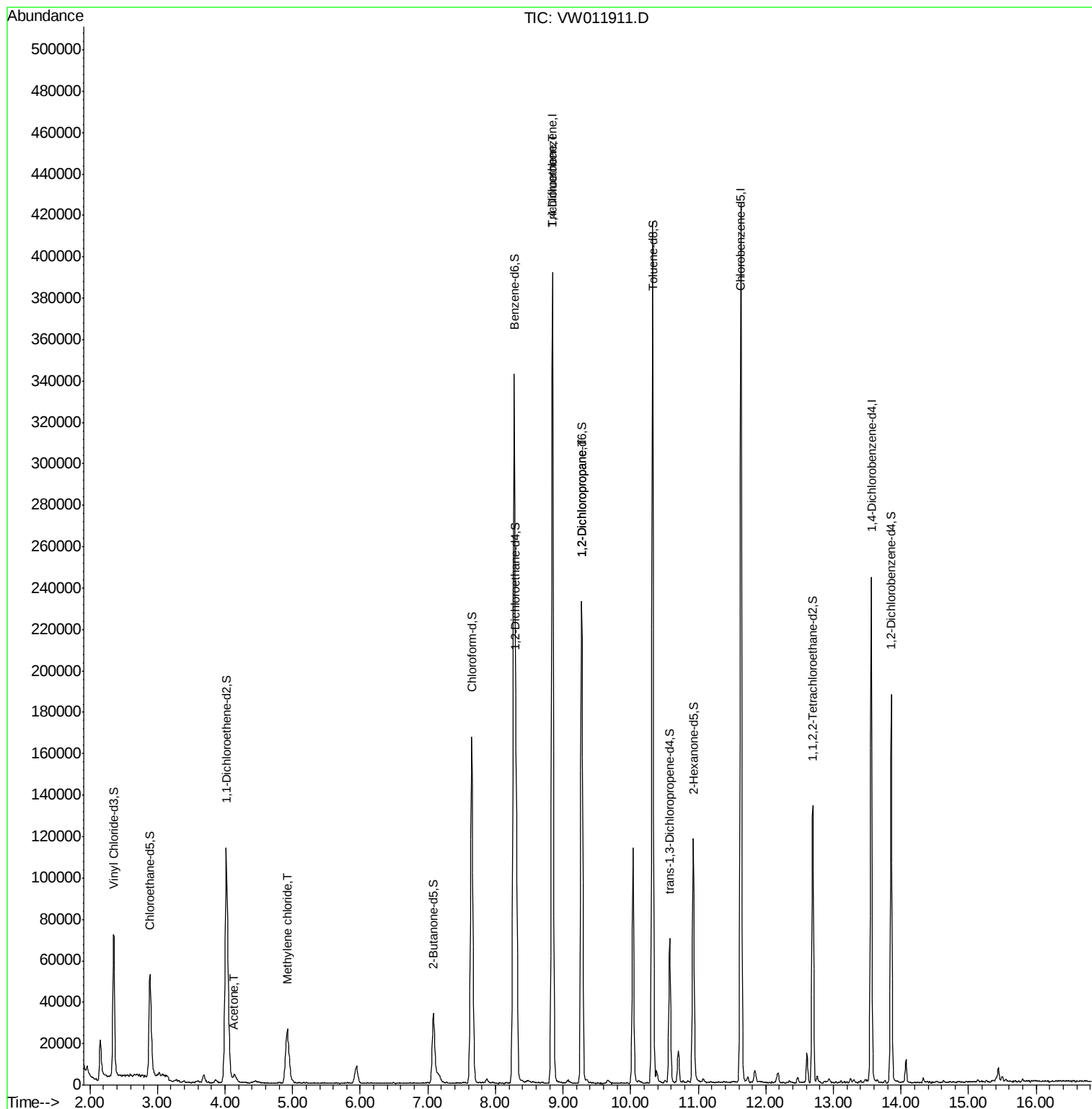
Target Compounds					Qvalue
13) Acetone	4.14	43	5544	2.697 ug/L	99
16) Methylene chloride	4.92	84	19921	4.218 ug/L	97
35) Trichloroethene	8.84	95	9866	2.530 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	12367	3.016 ug/L #	89

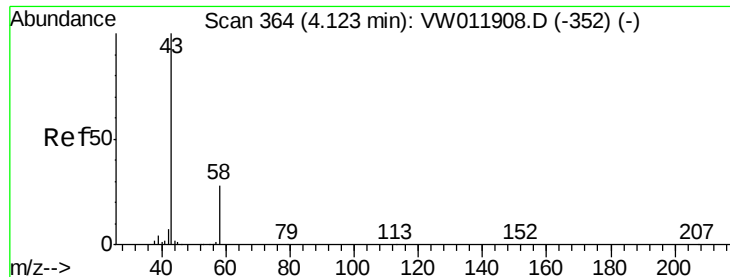
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.697 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

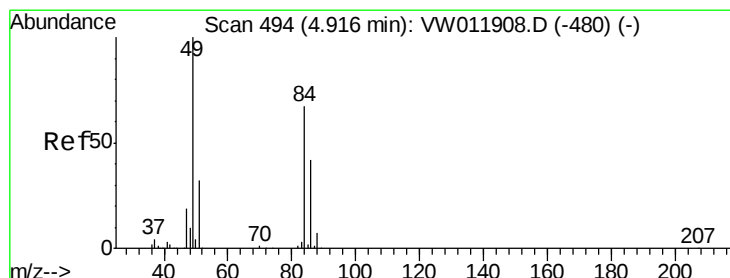
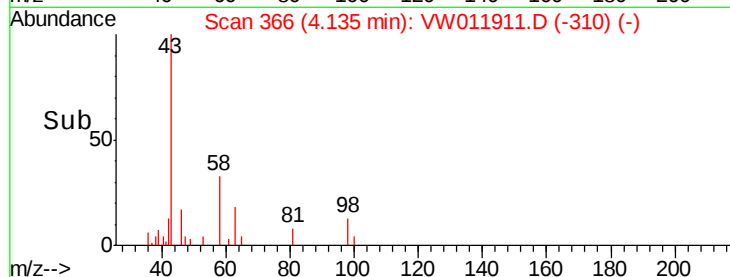
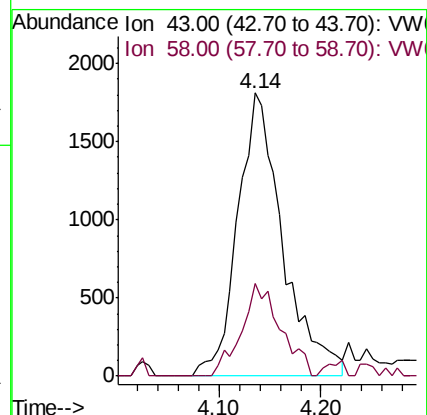
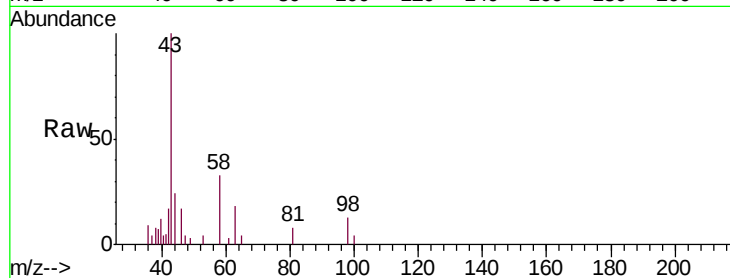
ETOC5RE

Tgt Ion: 43 Resp: 5544

Ion Ratio Lower Upper

43 100

58 26.2 0.0 53.4



#16

Methylene chloride

Concen: 4.218 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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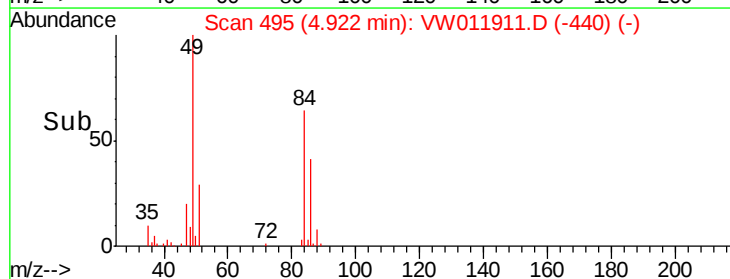
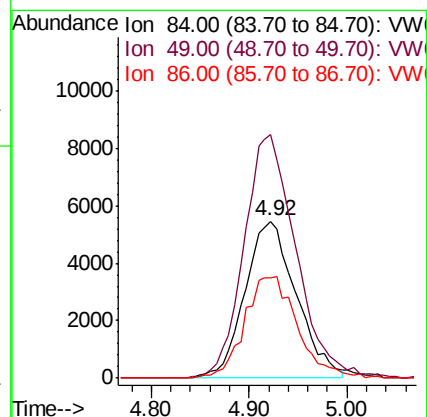
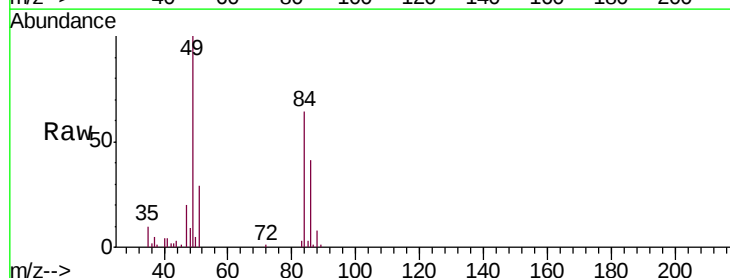
Tgt Ion: 84 Resp: 19921

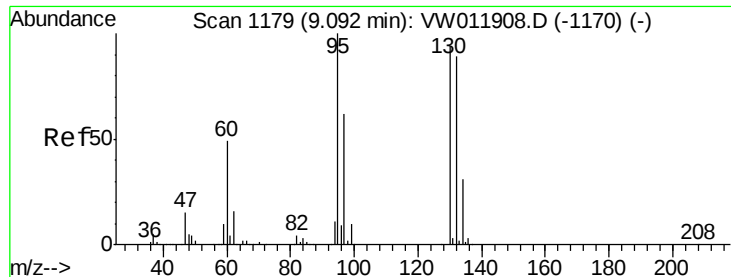
Ion Ratio Lower Upper

84 100

49 155.2 106.8 198.4

86 64.1 42.8 79.4





#35

Trichloroethene

Concen: 2.530 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Acq: 14 Aug 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

ETOC5RE

Tgt Ion: 95 Resp: 9866

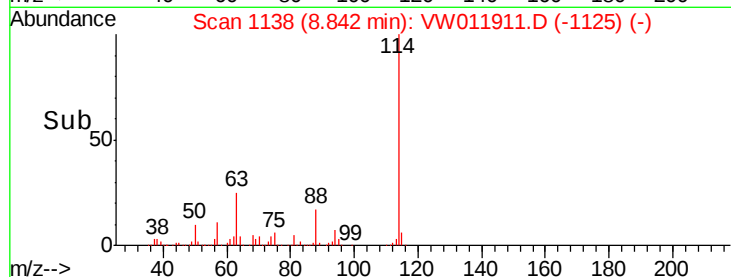
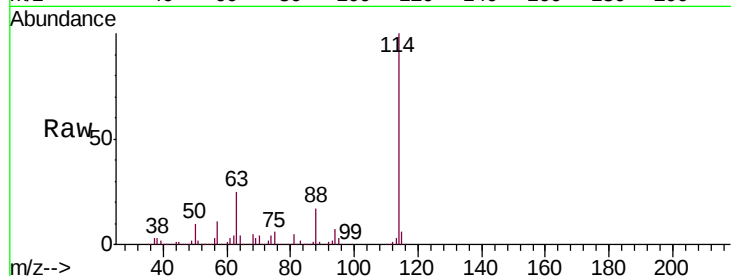
Ion Ratio Lower Upper

95 100

97 0.0 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#

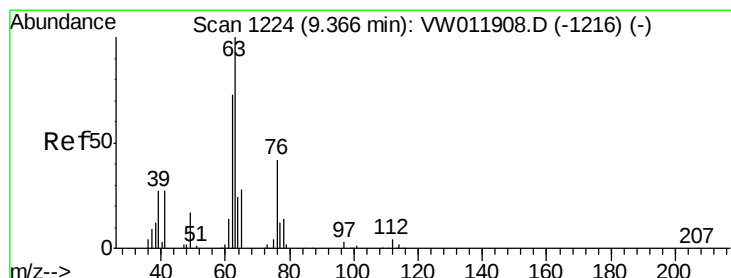
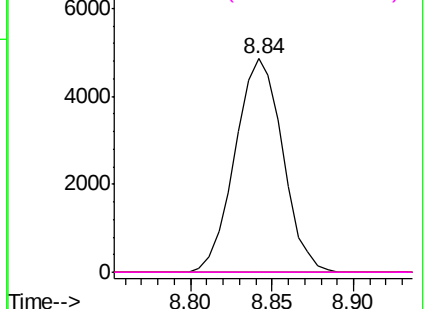


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.016 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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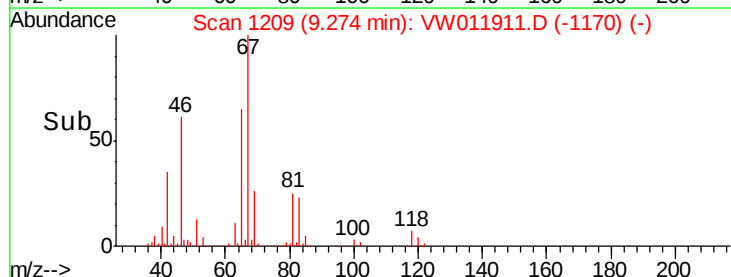
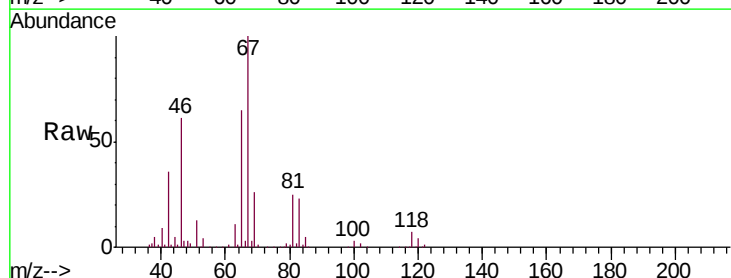
Acq: 14 Aug 2019 11:10

Tgt Ion: 63 Resp: 12367

Ion Ratio Lower Upper

63 100

112 0.4 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

